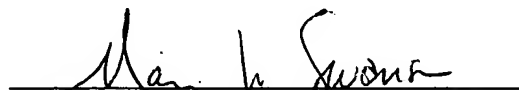




PATENT  
Atty. Docket No. PP-16331.004

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Nancy L. Swanson

5/21/2004  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: REIFSNYDER et al.  
Confirmation No.: 6550  
U.S. Application No. 10/753,078  
Filing Date: January 8, 2004  
Group Art Unit: 1646  
Examiner: Unassigned  
For: IMPROVED METHODS OF PURIFYING  
TFPI AND TFPI ANALOGS

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As co-assignee of record of the above-identified application, I hereby appoint the following as my attorneys with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Comprising the firm of Chiron Corporation, Emeryville, California:

<u>Name</u>	<u>Reg. No.</u>	<u>Name</u>	<u>Reg. No.</u>
Lisa E. Alexander	41,576	Robert P. Blackburn	30,447
Steven W. Collier	42,429	Young J. Suh	41,337
Rebecca M. Hale	45,680	Alisa A. Harbin	33,895
Charlene A. Launer	33,035	Marcella Lillis	36,583
Michael J. Moran	42,013	T. Helen Payne	36,889

Comprising the firm of Banner & Witcoff, Ltd., Washington, D.C.:

Lisa M. Hemmendinger  
Registration No. 42,653

Please direct all telephone calls regarding this application to Lisa M. Hemmendinger at  
Banner & Witcoff, Ltd.: Telephone (202) 824-3000.

Address for ALL Correspondence:

Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

By: *T. Helen Payne*  
T. Helen Payne  
Assistant Secretary

Dated this 20 day of May, 2004



PATENT  
Atty. Docket No. PP-16331.004

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy L. Swanson  
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**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

CHIRON CORPORATION, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)  
states that it is:

1. ☒ the co-assignee of the entire right, title, and interest, or

**DO NOT FORWARD TO ASSIGNMENT BRANCH**

2. ☐ an assignee of an undivided part interest in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The original Assignment was forwarded on March 29 2004 to the Assignment Branch of the U.S. Patent and Trademark Office for recordation.

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned is empowered to act on behalf of the co-assignee.

Signature: Helen Payne  
Name: T. Helen Payne  
Title: Assistant Secretary  
CHIRON CORPORATION

Date: May 20, 2004

**DO NOT FORWARD TO ASSIGNMENT BRANCH**

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

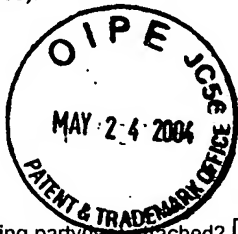
U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Atty Docket No.: PP-16331.004

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

REIFSNYDER, David H.  
INLOW, Duane  
DORIN, Glenn  
RIQUELME, Patricio T.  
COWGILL, Cynthia A.  
BOLESCH, Douglas G.



2. Name and address of receiving party(ies)

Name: **Chiron Corporation**

Internal Address: Intellectual Property Dept., R-338

Street Address: 4560 Horton Street

City: **Emeryville** State: **CA** Zip: **94608-2916**

☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: March 25, 2004, March 18, 2004, March 17, 2004,  
March 17, 2004, March 19, 2004 and March 17, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent Registration No.(s)

**U.S. Patent Application No. 10/753,078**

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Chiron Corporation**

Internal Address: Intellectual Property, Mail Stop R-338  
Street Address: 4560 Horton Street

City: **Emeryville** State: **CA** Zip: **94608-2916**

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account,

8. Deposit account number:

**03-1664**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**T. Helen Payne (Reg. No. 36,889)**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **8**

Mail documents to be recorded with required cover sheet information to:

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in accordance with the provisions of 37 CFR 1.401, addressed to Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P. O. 1450, Alexandria, VA 22313-1450, on this

**29th** day of **March**, 2004.

By:

*May L. Sauer*

**ASSIGNMENT**

*WHEREAS, We, DAVID H. REIFSNYDER, DUANE INLOW, GLENN DORIN, PATRICIO T. RIQUELME, CYNTHIA A. COWGILL and DOUGLAS G. BOLESCH, hereinafter referred to as ASSIGNORS, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:*

Title of Invention: **IMPROVED METHOD OF PURIFYING TFPI AND TFPI ANALOGS**

Date of Execution: **March 25, 2004, March 18, 2004, March 17, 2004, March 17, 2004, March 19, 2004 and March 17, 2004**

Filing Date: **January 8, 2004**

Serial No: **10/753,078**

*WHEREAS, CHIRON CORPORATION, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;*

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.*

*ASSIGNORS also agree that the U.S. serial number and the filing date may be entered above by ASSIGNEE or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.*

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: DAVID H. REIFSNYDER

DATE 25 MARCH 2004

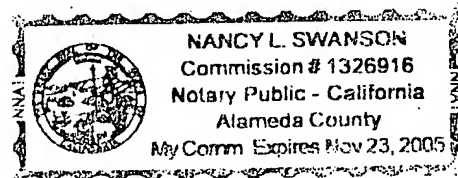
David H. Reifsnnyder  
Signature

State of California  
County of Alameda

On 3/25/04 before me, Nancy Swanson, Notary Public, personally appeared David H. Reifsnnyder, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

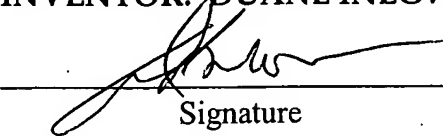
Nancy L. Swanson  
Signature of Notary Public



Notary Seal

INVENTOR: DUANE INLOW

DATE 15 March 2004

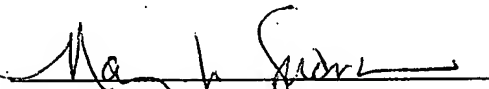
  
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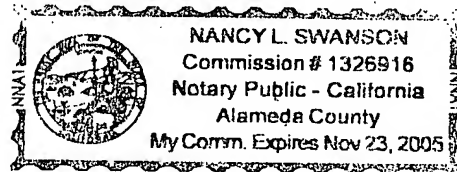
State of California

County of Alameda

On 3/18/04 before me, Nancy L. Swanson, Notary Public, personally appeared Duane Inlow, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public

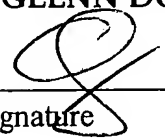


Notary Seal



INVENTOR: GLENN DORIN

DATE 17 Mar 04

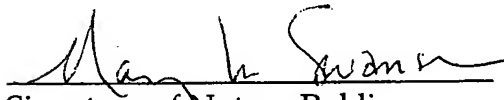
  
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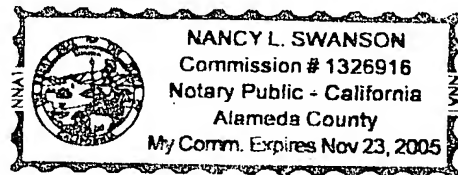
State of California

County of Alameda

On 3/17/04 before me, Nancy L. Swanson, Notary Public, personally appeared Glenn Dorin, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


  
Signature of Notary Public



Notary Seal

INVENTOR: PATRICIO T. RIQUELME

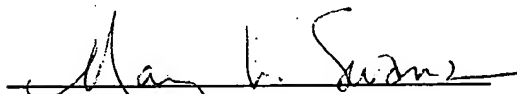
DATE March 17, 2004

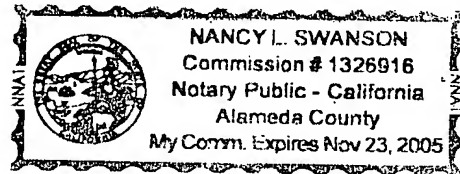
  
Signature

State of California  
County of Alameda

On 3/17/04 before me, Nancy L. Swanson, Notary Public, personally appeared Patricio T. Riquelme, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public



Notary Seal

INVENTOR: CYNTHIA A. COWGILL

DATE 19 March 2004

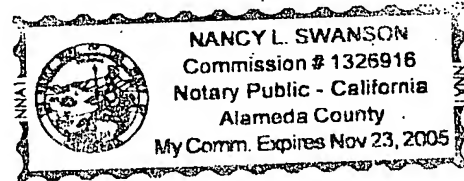
Cynthia A. Cowgill  
Signature

State of California  
County of Alameda

On 3/19/04 before me, Nancy L. Swanson, Notary Public, personally appeared Cynthia A. Cowgill, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson  
Signature of Notary Public



Notary Seal

INVENTOR: DOUGLAS G. BOLESCH

DATE March 17, 2004

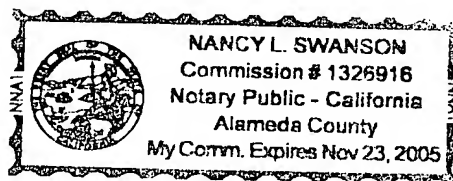
Douglas G. Bolesch  
Signature

State of California  
County of Alameda

On 3/17/04 before me, Nancy L. Swanson, Notary Public, personally appeared Douglas G. Bolesch, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson  
Signature of Notary Public



Notary Seal